

2X4

Bundle Document Reference

How to read your Service Manual:

To identify the model of your trailer please refer to the VIN decal located on the inside of the left side frame at the front of the trailer.

This Bundle Document Reference Sheet refers to the model identification of your trailer and the components that make up that particular trailer. Refer to the chart below: Listed are the various components with document numbers listed. The document number is located in the lower right-hand corner of each service manual sheet. When referencing the different components of your trailer, please refer to the document number and revision entry with date.

When contacting your dealer for service, please refer to the document numbers and revision entry dates.

	FRAME DOC#	ROLLER SUBASSY DOC#	CHASSIS DOC#	WINCH ASSY DOC#
SLR31BS	0002803	0002813	0002812	0002814

Color Coating Reference

NOTE: ShoreLand'r offers their product line in either galvanized or painted finish. When ordering parts it is important that you specify the finish or color you have on your product. The five digit number along with a two digit space __, notes the parts which can be purchased with various finishes. When ordering these items use the five digit prefix and include the following two digit suffix for proper finish.

Suffix	Finish / Color
00 or G	Galvanized
01	Arctic White
03 or BK	Black
06 or AW	Antique White

Tongue Weight Adjustment

Approximate Tongue Weight for Best Towing. Tongue weight too high, move the axle assembly forward. Tongue weight too low, move the axle assembly backward. Tongue weight should be 5-7% of total gross weight of both boat and trailer combined.

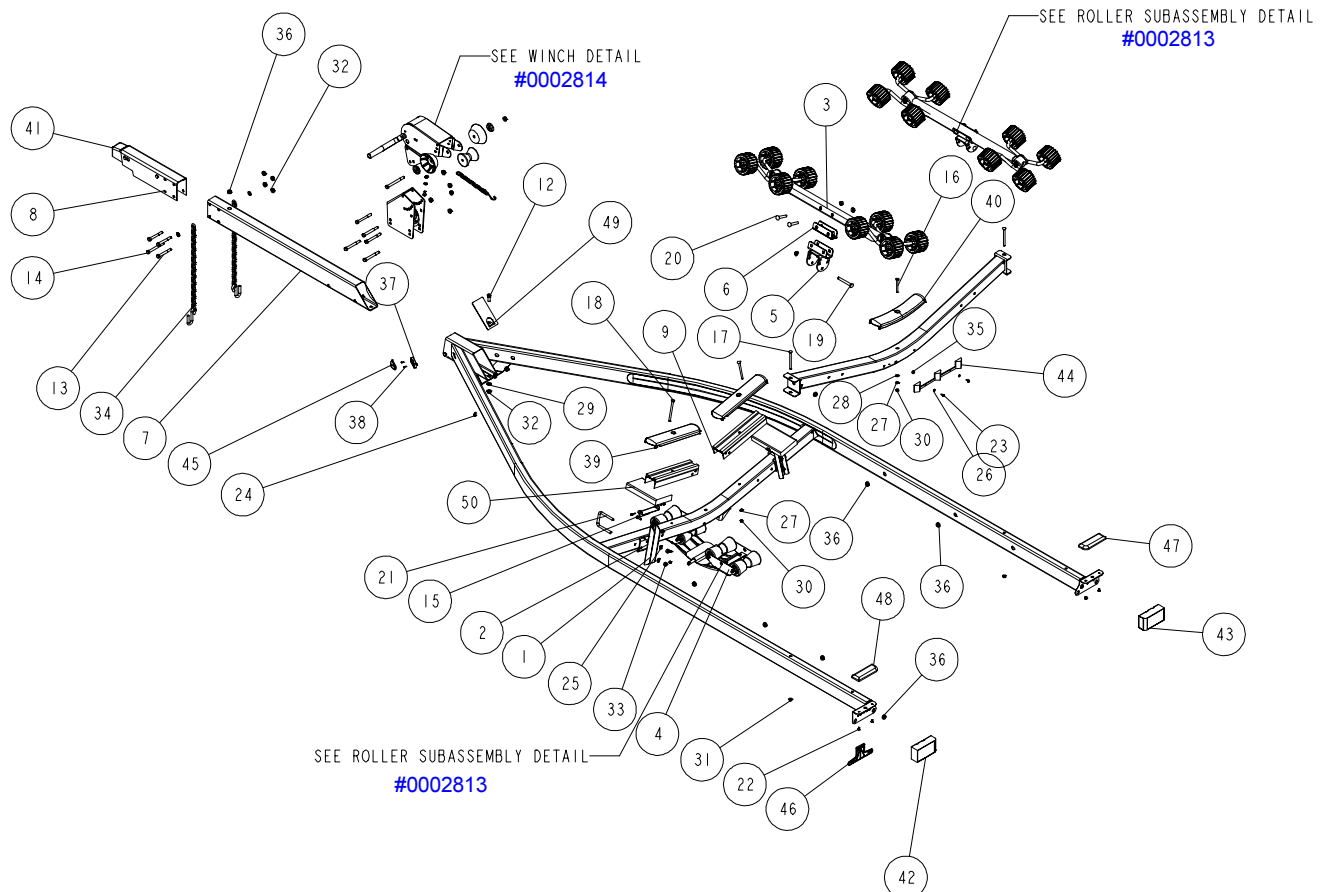
Cautions/Warnings

The law requires that the white ground wire on the both the tongue wire harness and the vehicle harness be properly grounded to the respective trailer and vehicle frames.

Double check all nuts and bolts ---- tighten before towing.

SLR24BS/31BS

REF#	PART#	DESCRIPTION	QTY	REF#	PART#	DESCRIPTION	QTY
1	60047--	ADJ BUNK BRKT	2	27	1340030	LOCKWASHER 3/8 S/T MED	3
2	6046200	ADJUSTABLE BUNK CLAMP	2	28	1340095	WASHER USS FLAT 3/8	1
3	60626--	ROLLERARM 8 ROLLER 2X4	2	29	1340100	WASHER USS FLAT 1/2	3
4	60888--	KEEL CRADLE ASSY	1	30	1410109	HEX NUT FINISH 3/8-16	3
5	61914--	ROLLERARM MTG BRKT WMENT	2	31	1440101	FLANGE LOCKNUT SMALL 3/8-16	4
6	62087	PLASTIC SPACER REAR PIVOT ARM	2	32	1440102	FLANGE LOCKNUT SMALL 1/2-13	12
-	64145	BRAKELINE ASSY 186" W/COILS	1	33	1440159	HEX NUT FINISH 1/2-13	4
7	65541--	TONGUE 3X5X55	1	34	2220272	CHAIN 8/0 MACH CHAIN 37" W/837	2
8	65542--	OUTER HOUSING - UFP ACTUATOR	1	35	3510022	GROMMET 7/16IN MOLDED	1
-	65601	BRAKELINE ASSY 56"	1	36	3510030	GROMMET 7/8IN MOLDED	11
9	65781	ALUM EXT - CENTER PAD RISER 124 ...	2	37	3510122	LIGHT BEZEL - WHITE	2
10	66099--	FRAME WMENT 74 WIDE 178 LONG	1	38	3510158	PLASTIC DRIVE RIVOT	4
11	66127--	REAR CROSS WMENT (74 WIDE)	1	39	3510538	REAR CROSSMEMBER PAD	2
12	0110096	HH 1/2-20 X 1-1/2	1	40	3510542	MOLDED REAR CROSSMEMBER PAD ..	1
13	0110114	HH 1/2-13 X 4 CS GR5	4	41	3991013	ACTUATOR UFP - DISC BRAKE AXLE ...	1
14	0110120	HH 1/2-13 X 5 CS GR5	1	-	4810501	SMALL SHORELANDR DECAL	2
15	0140040	HH 3/8-16 X 1 CS GR5	2	42	5110013	DRY LAUNCH LIGHT ASSY (LEFT)	1
16	0210130	CARR 3/8-16 X 3 3/4 GR5	1	43	5110014	DRY LAUNCH LIGHT ASSY (RIGHT)	1
17	0210137	CARR 3/8-16 X 5 FULL THREAD GR5	2	44	5110045	3 LIGHT CLUSTER 1994 LEXAN	1
18	0210138	CARR 3/8-16 X 5 1/2 FULL GR5	2	45	5110112	MARINE YELLOW CLEARANCE LIGHT ..	2
19	0210220	CARR 1/2-13 X 4 1/2 GR5	2	46	5110348	BO LICENSE PLATE BRACKET	1
20	0240210	CARR 1/2-13 X 3 GR5	4	-	5110347	HARNESS 5-PRONG FLAT	1
21	0310228	SUB 1/2 X 3 9/16 X 4 1/4	2	-	5110354	HARNESS FRAME 2X4 LEFT 17FT 2I ..	1
22	0810126	SCREW SELFTAPPING TYPE B 1/4X1/2 ..	4	-	5110355	HARNESS FRAME 2X4 RIGHT 17FT 2 ..	1
23	0810925	SCREW SELFDRILL HWH #10-16 X 3/4 ..	2	47	S-3390	STEP PAD RIGHT 2 1/2 X 7	1
24	0810945	SCREW SELFDRILL 1/4-14X3/4	1	48	S-3391	STEP PAD LEFT 2 1/2 X 7	1
25	1310040	LOCKWASHER 1/2 S/T MED	4	49	S-3510	TONGUE COVER PLATE	1
26	1310170	WASHER#10 USS FLAT	2	50	S-3553	BUNK ASSY 2X6X10" W/BRKT	2



Final Assembly Instructions

Remove the small parts from the frame by cutting the bands.
Remove the bolt bag and sort all nuts and bolts by size.

Tongue:

Remove the tongue assembly from the frame bundle and install into the tongue channel and secure with a 1/2" X 4" hex bolt in the side of the tongue and tongue channel. Secure with a 1/2" flange lock nut.

Place the tongue cover over the rear of the tongue and tongue channel and secure with a 1/2" X 1-1/2" hex bolt, 1/2" flat washer and 1/2" hex nut.

Tongue Wires:

Install the tongue wire harness through the top forward wire hole and exit the rear of the tongue channel on the frame. Install grommets and plug the tongue wire into the frame harness by color.

Actuator & Safety Chain:

Slide the actuator (Ref.#41) into the actuator housing unit (Ref.#8) and secure with two pins and snap rings provided with the actuator. Secure the actuator-housing unit to the front of the tongue using three-(3) 1/2" X 4" hex bolts and 1/2" flange lock nuts. Using a 1/2" X 5" hex bolt on lower right mounting hole on tongue, secure the safety chain. Place a 1/2" flat washer on 1/2" X 5" hex bolt followed by one safety chain and insert into actuator housing unit and tongue. Place the second safety chain on the bolt followed by a 1/2" flat washer and 1/2" flange lock nut. Tighten.

Brakes:

Refer to the brake manual for service and maintenance.

Roller Assembly:

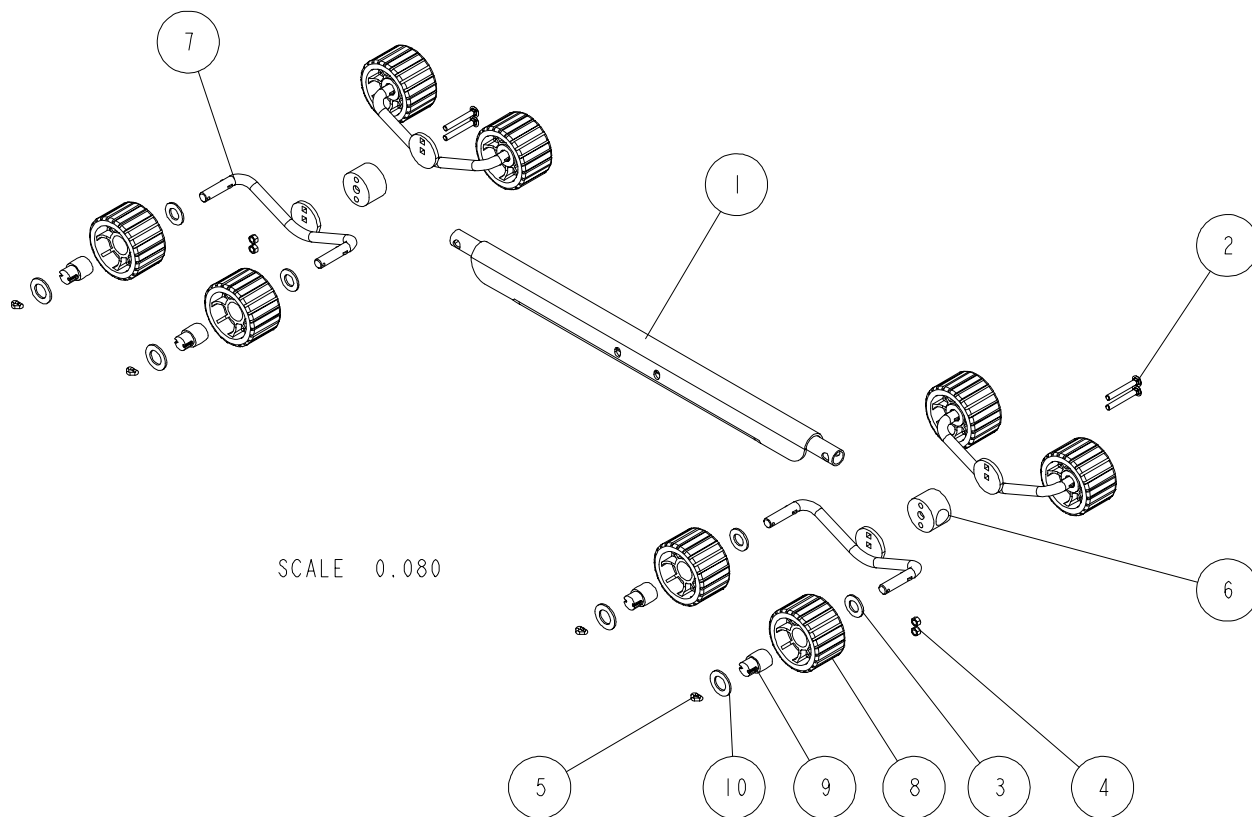
Refer to **Doc# 0002813** for assembly instructions.

Keel Roller:

Refer to **Doc# 0002813** for assembly instructions.

2X4 ROLLER SUB ASSEMBLIES

8-Roller Assembly, 60626--



REF#	PART#	DESCRIPTION	QTY
1	61913--	ROLLERARM 1720 INBOARD	1
2	0210127	CARR 3/8-24 X 3 W/1 THRD GR8	4
3	1310121	WASHER USS ALUMINUM FLAT 3/4	8
4	1440100	HEX LOCKNUT 3/8-24 GRA	4
5	1540350	BULL RING PLAIN	8
6	S-3184	PLASTIC MOLDED SWIVEL BLOCK	2
7	S-3368	INLINE ROLLERPIN 19 1/2	4
8	S-3382	ROLLER WITH MOLDED HUB 5IN	8
9	S-3383	ROLLER BUSHING MOLDED	8
10	S-3384	FLAT WASHER 20D X 1.150ID ALUM...	8

Roller Assembly:

Mount the 8-roller assembly to the rear crossmember in a location that best fits your boat. Secure with 1/2" x 4-1/2" carriage bolts and 1/2" flange lock nuts.

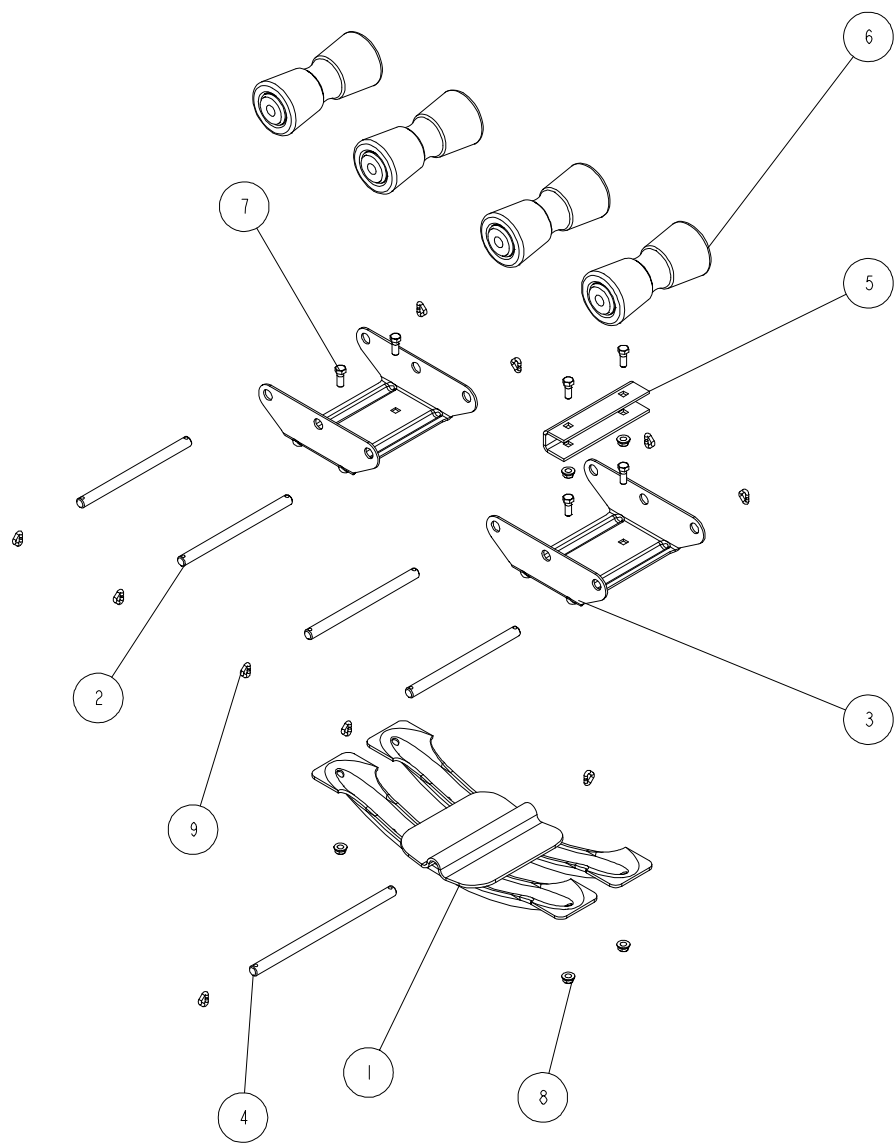
Roller Adjustment:

Place your boat on the trailer. Determine the spacing on the roller rack. It may be necessary to adjust your roller rack either further in or out from the position you have it assembled. The boat must be adjusted to miss any keel or strake which might be on your particular boat.

IMPORTANT: The roller rack should be spaced as far apart as possible for stability. This in most cases will also allow your boat to be as low as possible on the trailer for better trailering, loading and unloading.

Once the roller racks have been spaced properly for your boat, position the boat on the trailer with the transom **flush** with the rear of the rear roller rack.

4-Roller Keel Cradle Assembly, 60888--



REF#	PART#	DESCRIPTION	QTY
1	60883--	KEEL CRADLE	1
2	6088410	KEEL CRADLE ROLLER PIN	4
3	60885--	KEEL GUIDE ROLLER BRACKET	2
4	6205210	KEEL CRADLE ROLLER PIN	1
5	62108--	RISER BRKT KEEL GUIDE ROLLER	1
6	65528	8IN KEEL ROLLER	4
7	0140040	HH 3/8-16 X 1 CS GR5	6
8	1440101	FLANGE LOCKNUT SMALL 3/8-16	6
9	1540350	BULL RING PLAIN	10

4-Roller Keel Assembly:

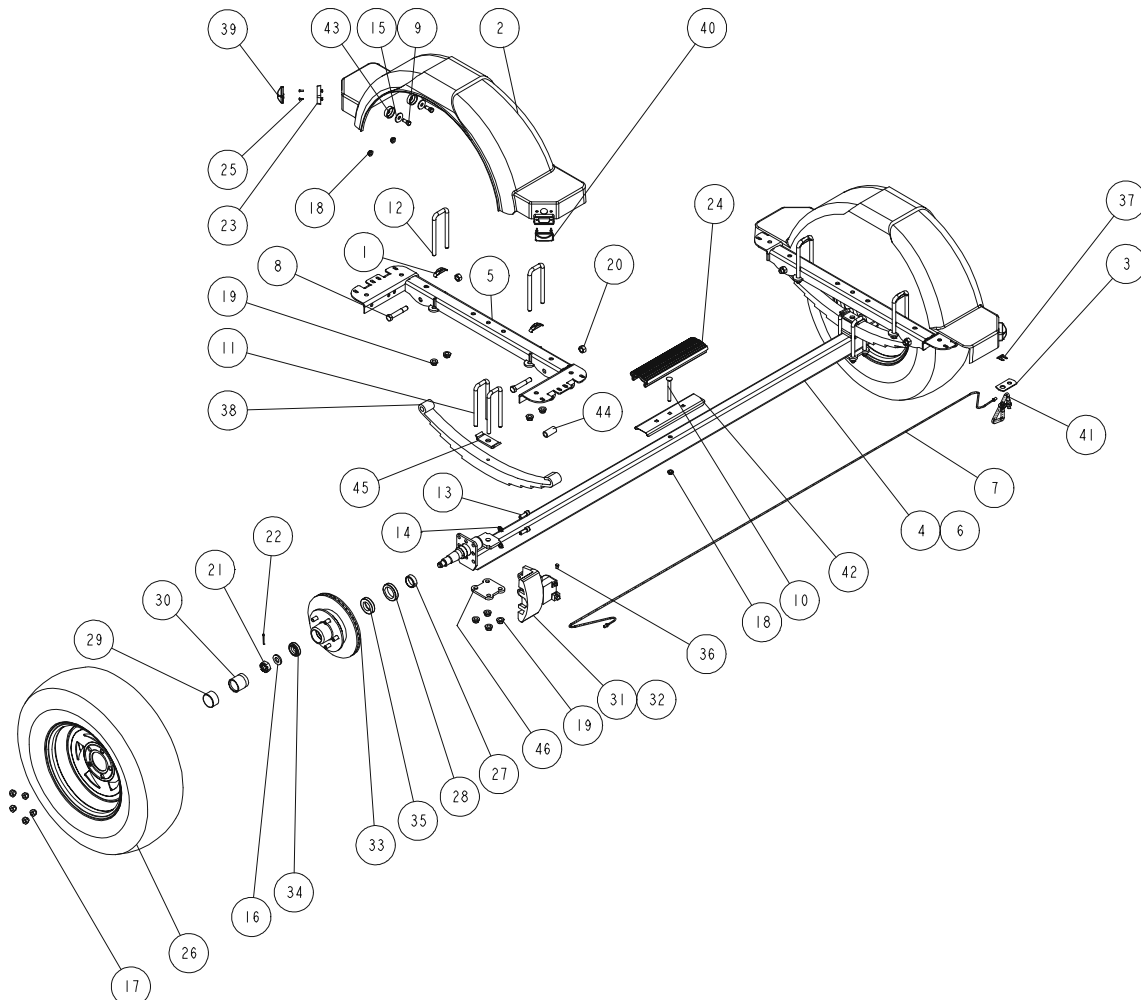
Mount the 4-roller keel assembly to the under side of the front crossmember in ear weldments using the keel cradle roller pin (Ref.#4). Secure this assembly using bull rings (Ref.#9).

4-Roller Keel Adjustment:

Adjust the front keel roller assembly to the desired position to level the boat.

CHASSIS 31B

REF#	PART#	DESCRIPTION	QTY	REF#	PART#	DESCRIPTION	QTY
1	4279	SHIM PAD U BOLT 12GA FRAME	4	24	3510132	AXLE PAD 12IN BLK	1
2	62201--	FENDER 10IN POLY	2	25	3510158	PLASTIC DRIVE RIVOT	8
3	6234710	BRAKELINE CLIP BRACKET	1	26	4300198	ST215/75R 14C TIRE/GALV DIR RIM	2
4	66154--	AXLE WMENT (74 WIDE)	1	-	4300199	ST215/75R 14C TIRE/MSILVER DIR RIM	2
5	66162--	SPRING BRKT 10IN SINGLE	2	27	4410089	SPINDLE SLEEVE 1 1/4-3/4IN BRG	2
6	66438--	AXLE ASSY 74 WIDE W/BRAKES	1	28	4410130	SEAL 1 3/8IN	2
7	66471	BRAKE LINE ASSY 99"	1	29	4410246	SL BEARING PROTECTOR BRA	2
8	0110170	HH 9/16-18 X 3 1/4 CS GR5	4	30	4410247	BEARING BUDDY - STAINLESS STEEL	2
9	0140040	HH 3/8-16 X 1 CS GR5	8	31	4410289	DISC BRAKE CALIPER ASSY - LEFT	1
10	0210130	CARR 3/8-16 X 3 3/4 GR5	1	32	4410290	DISC BRAKE CALIPER ASSY - RIGHT	1
11	0310170	SUB 1/2" X 2-5/16"X6-1/2	4	33	4410291	HUB/VENTED ROTOR, C.B., ASSY, 13	2
12	0310276	SUB 1/2 X 2 9/16 X 6 1/2	4	34	4440160	ROLLER BEARING 1 1/16IN	2
13	0610042	SOCKET HEAD SCREW 7/16-20X1-1/4	4	35	4440170	ROLLER BEARING 1 3/8IN	2
14	1310035	LOCKWASHER 7/16 S/T	4	36	4510506	PLUG	1
15	1310163	WASHER 1.377 OD X .390 ID	8	37	4510518	HOSE CLIP - 1457-YZ	1
16	1340206	WASHER 1.5 OD X .765 ID X .186/ .206	2	38	4610048	SPRING 5 LEAF HOOK	2
17	1410229	HEX LUGNUT 1/2-20 13/16 OD Z&U	10	39	5110112	MARINE YELLOW CLEARANCE LIGHT	2
18	1440101	FLANGE LOCKNUT SMALL 3/8-16	9	40	5110113	MARINE RED CLEARANCE LIGHT	2
19	1440102	FLANGE LOCKNUT SMALL 1/2-13	16	41	4510511	18IN MALE-FEMALE BRAKE HOSE	1
20	1440259	HEX LOCKNUT 9/16-18 GRA	4	42	S-3387	2" PLASTIC CHANNEL BRACKET	1
21	1440349	HEX NUT SLOTTED PLAIN	2	43	S-3501	RUBBER CUP WASHER	8
22	1540038	COTTER KEY 1/8 X 1 1/2	2	44	S-3207G	SPRING BRKT BUSHING PLATED ZYU	2
23	3510122	LIGHT BEZEL - WHITE	4	45	S-3409G	SPRING CLAMP 1/4X1 1/2X4 ZYU	2
				46	S-3449G	SPRING AND AXLE U-BOLT PLATE	2



Place one of the spring bushings (Ref.#44) into the rear of the spring bracket (Ref.#5) and secure with a 9/16" X 3-1/4" hex bolt (Ref.#8) and 9/16" hex lock nut (Ref.#20). Repeat on the other side. Position the axle (Ref.#4) under the frame, then hook the spring loop around the bushing just installed. Raise the axle assembly up so the front of the springs (Ref.#38) line up with the front spring bracket hole. Insert the other two (2) 9/16" X 3-1/4" hex bolts and 9/16" hex lock nuts. Tighten all nuts and bolts, but do not over tighten. Allow the spring room enough to move.

Mount the tires and rim assemblies (Ref.#26) using 80-90 ft. lbs. torque on lug nuts (Ref.#17) using proper tightening procedures.

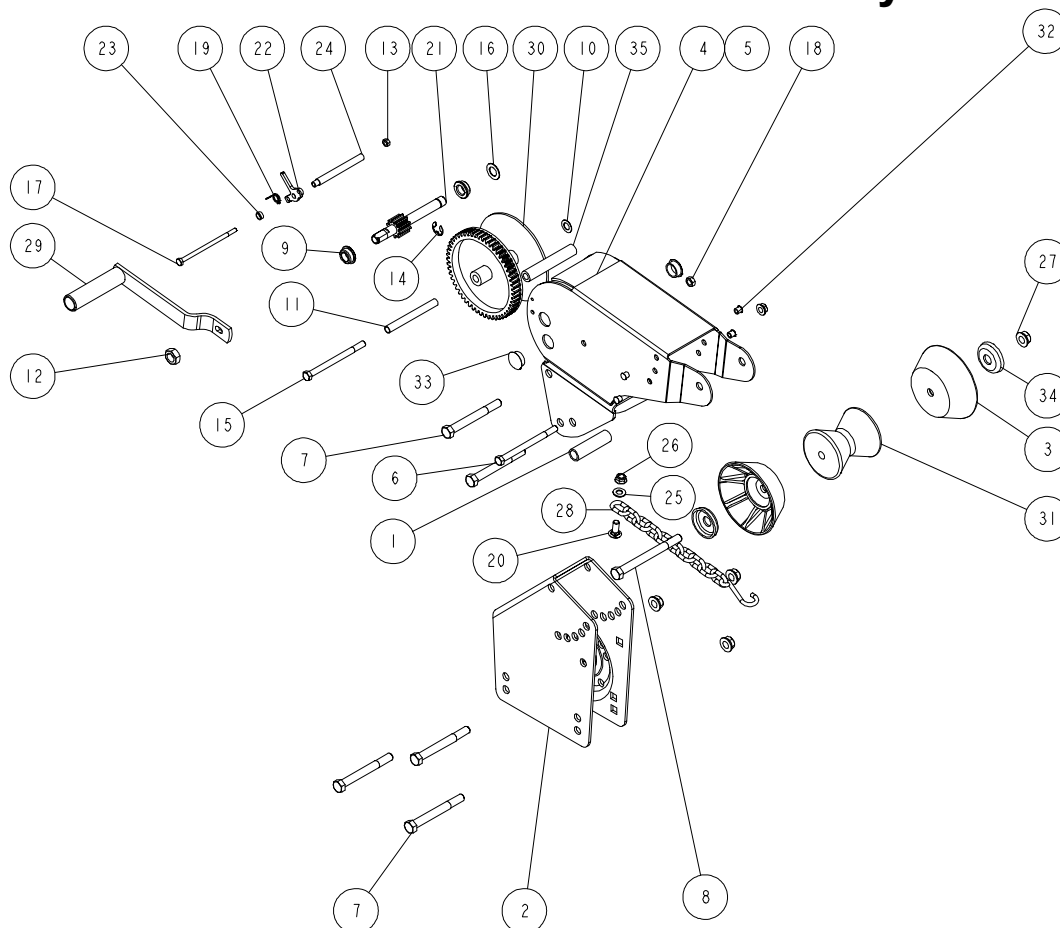
Refer to the brake manual for service and maintenance.

Tire Size & Carrying Capacity Chart

Tire Size	Load Range	Carrying Capacity
ST215/75R14	C	1870 lbs. per/tire

Refer to the tire side wall for the correct tire pressure.

Profile 2000 Winch Assembly



REF#	PART#	DESCRIPTION	QTY
1	6081600	WINCH POST SPACER	1
2	60930--	WINCH POST 7IN	1
3	6107503	END CAP - BLACK PROFILE 2000	2
4	65657--	WINCH HOLDER CASE	1
5	65659--	PROFILE 2000 WINCH CASE ASSY	1
6	0110064	HH 3/8-16 X 5 CS GR5	1
7	0110118	HH 1/2-13 X 4 1/2 CS GR5	5
8	0110125	HH 1/2-13 X 5 1/2 CS GR5	1
9	204009	SHAFT BUSHING DL1400/2500	2
10	204360	SPACER WASHER DL1602	1
11	204808	REEL SPACER DL1700	1
12	204809	HANDLE HUT DL1602	1
13	205014	LOCK NUT DL1400/1700/1802/2500	1
14	205116	E-RING DL1602/1700/2500	1
15	205126	HH 3/8-16 X 5 CS GR5	1
16	205139	SPACER WASHER DL1700/1802/2500	1
17	205269	RATCHET PAWL BOLT 1/4-20 X 5	1
18	205270	LOCKNUT 3/8-16 JAM STYLE - WINCH .	1
19	206281	EXTENSION SPRING DL1400-2500 BLU	1
20	0210102	CARR 3/8-16 X 1 GR5	1
21	304731	DRIVE SHAFT UPPER DL1802	1
22	404868	REVERSABLE RATCHET PAWL	1
23	404872	RACHET SPACER DL1700/2500	1
24	404878	RATCHET SLEEVE DL1700/2500	1
25	1340095	WASHER USS FLAT 3/8	1
26	1440101	FLANGE LOCKNUT SMALL 3/8-16	2
27	1440102	FLANGE LOCKNUT SMALL 1/2-13	6
28	2210145	CHAIN 1/4(7MM)X 10 LINKS	1
29	3110237	WINCH HANDLE DL1802	1
30	3110348	WINCH REEL W/STRAP DL1800/1802 ...	1
31	3510065	4" BOW ROLLER - BLACK	1
32	3520011	PLUG 3/8IN WHITE PLASTIC	4
33	3520019	PLUG 1IN WHITE PLASTIC	2
34	LH308	CUP WASHER	2
35	S-3374	NYLN WINCH CASE BUSH-3/4ODX4.25	1

Winch Post Assembly:

Mount the winch post to the tongue in the desired position and secure with three (3) 1/2" X 4" carriage bolts and 1/2" flange lock nuts. Mount the winch handle on the winch shaft using the special hardware provided with the winch.

Winch Post Adjustment:

Before adjusting the winch post check to see that the transom of the boat is flush with the rear of bunks. Slide the winch post into position. **NOTE:** The winch holder (upper portion) must be positioned just **above** the bow eye. Run the winch strap over the upper nylon bushing in the winch case and secure to the bow eye. Tighten all bolts on the winch post. Slip the bow eye safety chain into the bow eye. Adjustment is complete.

